

10 Amperes max. test current

Micro-Ohm METER

Model : MO-2014

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Micro-ohm METER

Model : MO-2014

FEATURES

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| * 4 terminal devices for accurate measurement of very low resistance. |
| * Ideal for measuring the resistance of components precisely. |
| * Ideal for testing protective conductors, lightning conductors and welded points. |
| * Maximum test current is 10A (60000uΩ range only). |
| * Have two working mode , Resistive and Inductive mode, Normal is resistive mode. |
| * Good / Fail set-function for input quality control. |
| * Built-in in buzzer sound (GOOD STATUS) to assist the Q.C. judgment. |
| * Especial "CALCULATE" function to measure cable / wire length. |
| * Wide measuring range, 5 uΩ - 6K Ω , 6 ranges. |
| * Large size and back-light LCM display, easy read-out. |
| * LSI circuit provides high accuracy, reliability and durability. |
| * Built-in over input protection. |
| * Durable bench type housing plastic case stand. |

GENERAL SPECIFICATIONS

| | |
|--------------------|--|
| Test Range | 60000 uΩ (10 A DC) |
| (Test Current) | 600 m Ω (1 A DC) 6000 mΩ (100 mA DC) 600000 mΩ (10 mA DC) 600 Ω (1 mA DC) 6000 Ω (100 uA DC) |
| Warning Setup | * Warning LCD Indicator * Buzzer |
| Operating Temp. | 0 to 50°C (32 to 122°F). |
| Operating Humidity | Less than 80 % R.H.. |
| Power Supply | DC 1.5 V , AA (UM-3)Battery X 8 PCs . AC to DC 9V Power adapter . |

| | |
|--------------|---|
| Fuse protect | * 10 A / 250 V * Size : 6.3 X 32 mm dia.. |
| Dimension | 225 x 125 x 64 mm (8.86 x 4.92 x 2.52 inch) |
| Weight | Approx. 790 g (1.74 LB). |
| Standard | 4 wire with 2 Kelvin clips..... 1 pair |
| Accessories | Instruction Manual..... 1 PC AC/DC 9V power adapter..... 1 set Carrying case, CA-08..... 1 PC |
| Optional | * USB cable, USB-01. |
| Accessories | * RS232 cable, UPCB-02. * Data Acquisition software, SW-U801-WIN., SW-E802. * SD card data recorder, DL-9602SD |

ELECTRICAL SPECIFICATIONS (23± 5 °C)

| Range | Resolution | Test current | Accuracy |
|-----------|------------|--------------|---------------------|
| 60000 u Ω | 1 u Ω | 10 A | ± (0.25 % + 25 d) |
| 600 m Ω | 10 u Ω | 1 A | |
| 6000 mΩ | 100 u Ω | 100 mA | |
| 60000 mΩ | 1000 u Ω | 10 mA | |
| 600 Ω | 10 mΩ | 1 mA | ± (0.75 % + 3 d) |
| 6000 Ω | 100 mΩ | 100 uA | |

@ The above accuracy is based on the reading value.
@ Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.

| Range | Open Circuit Voltage |
|-----------|----------------------|
| 60000 u Ω | Approx. DC 4.33 V |
| 600 m Ω | Approx. DC 4.33 V |
| 6000 mΩ | Approx. DC 4.33 V |
| 600000 mΩ | Approx. DC 4.33 V |
| 600 Ω | Approx. DC 4.33 V |
| 6000 Ω | Approx. DC 4.33 V |

* Appearance and specifications listed in this brochure are subject to change without notice.

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